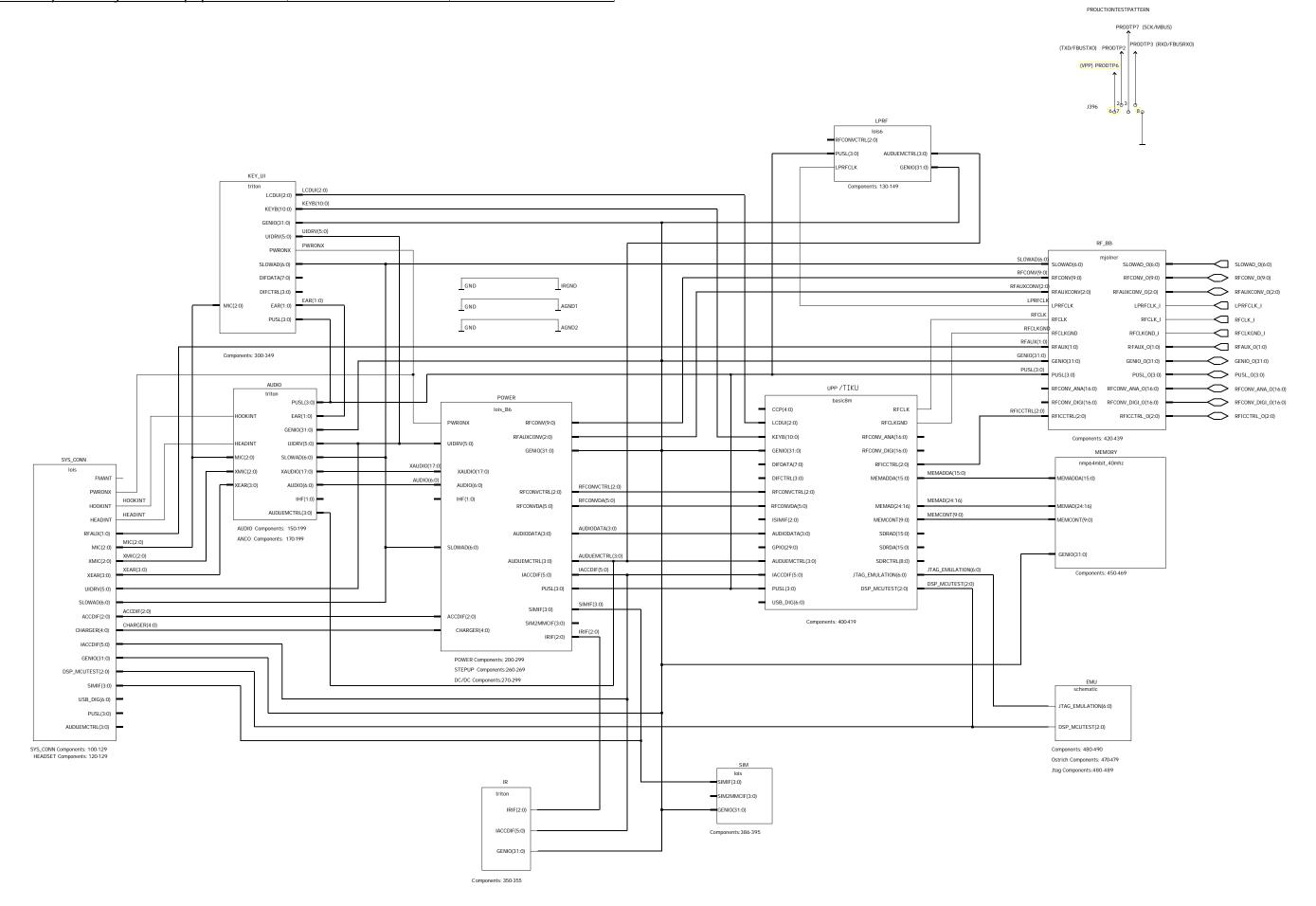
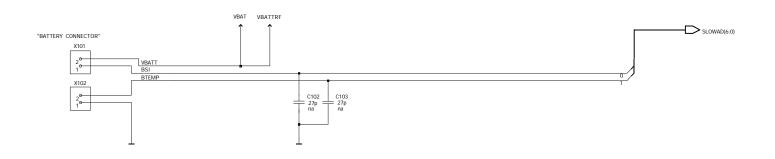
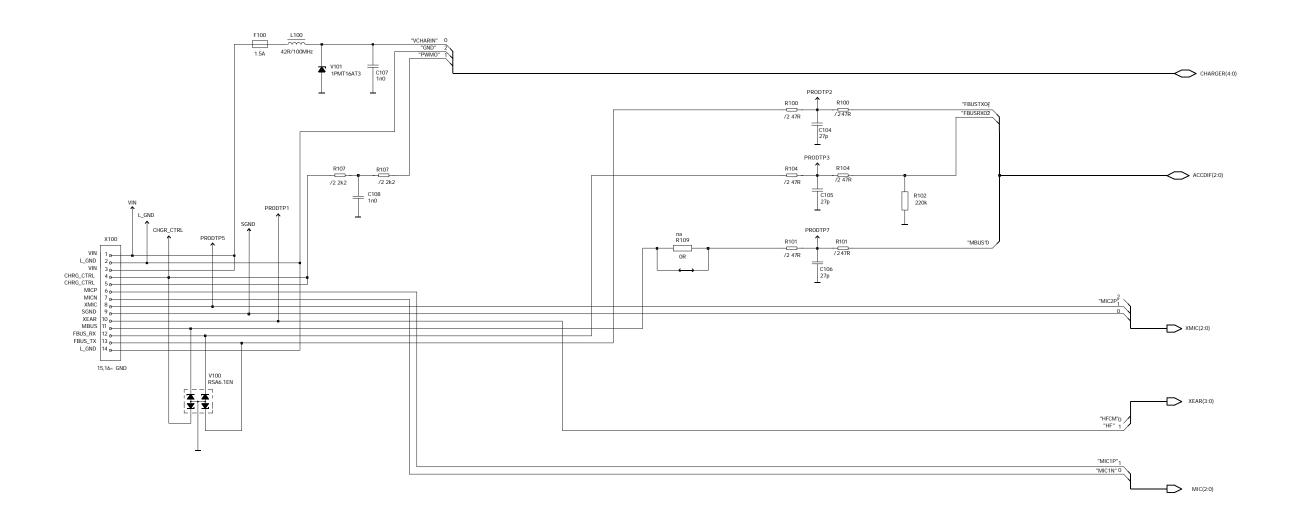
www.spunlock.com	CONFIDENTIAL	1(11)
Customer Care Europe & Africa	DCT4 Common Baseband	Version 4.0 Approved
SCCE Training Group	NPL-1 (6310i)	(PCB) Version_ac 5 a_10
© 2002 NMP Only for training and service purposes	01.10.2002	

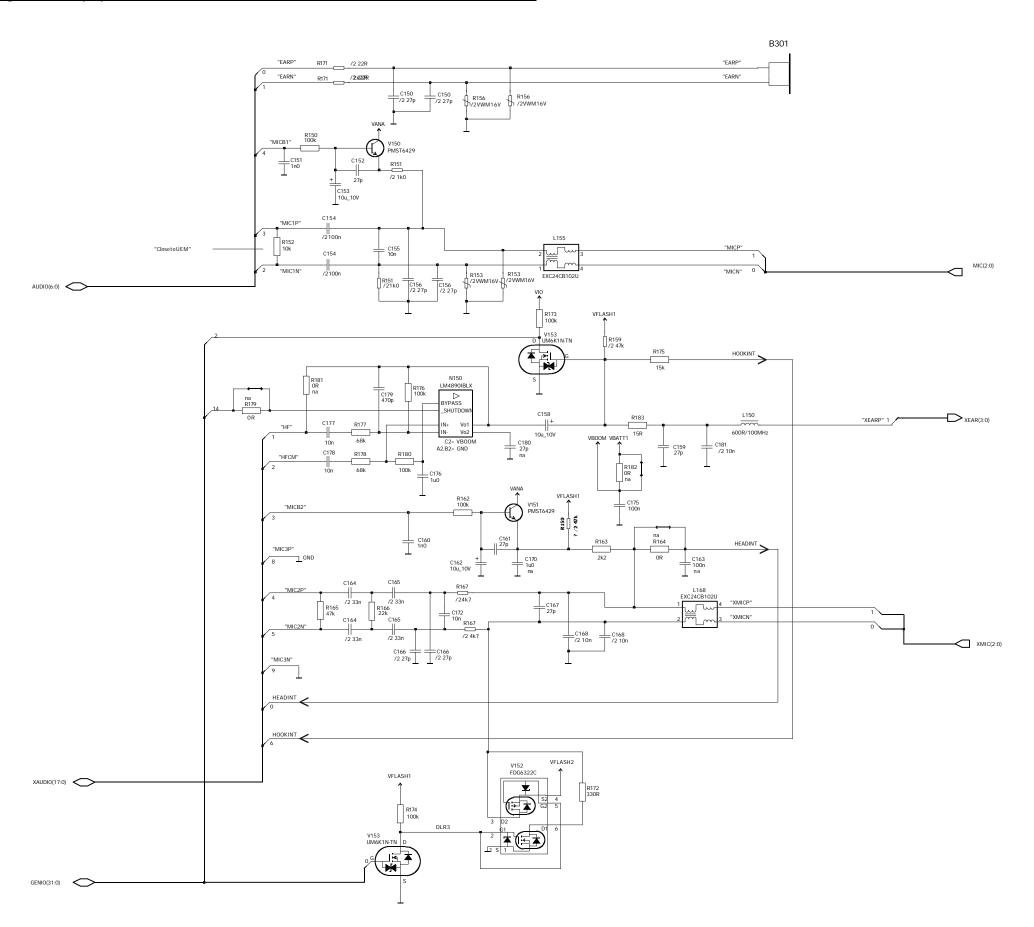


NOKIA	CONFIDENTIAL		2(11)	
Customer Care Europe & Africa	System & Battery connector	Version 4.0 Approved		
SCCE Training Group	NPL-1 (6310i)	(PCB) Version_ac 5 a_10		
© 2002 NMP Only for training and service purposes	01.10.2002			

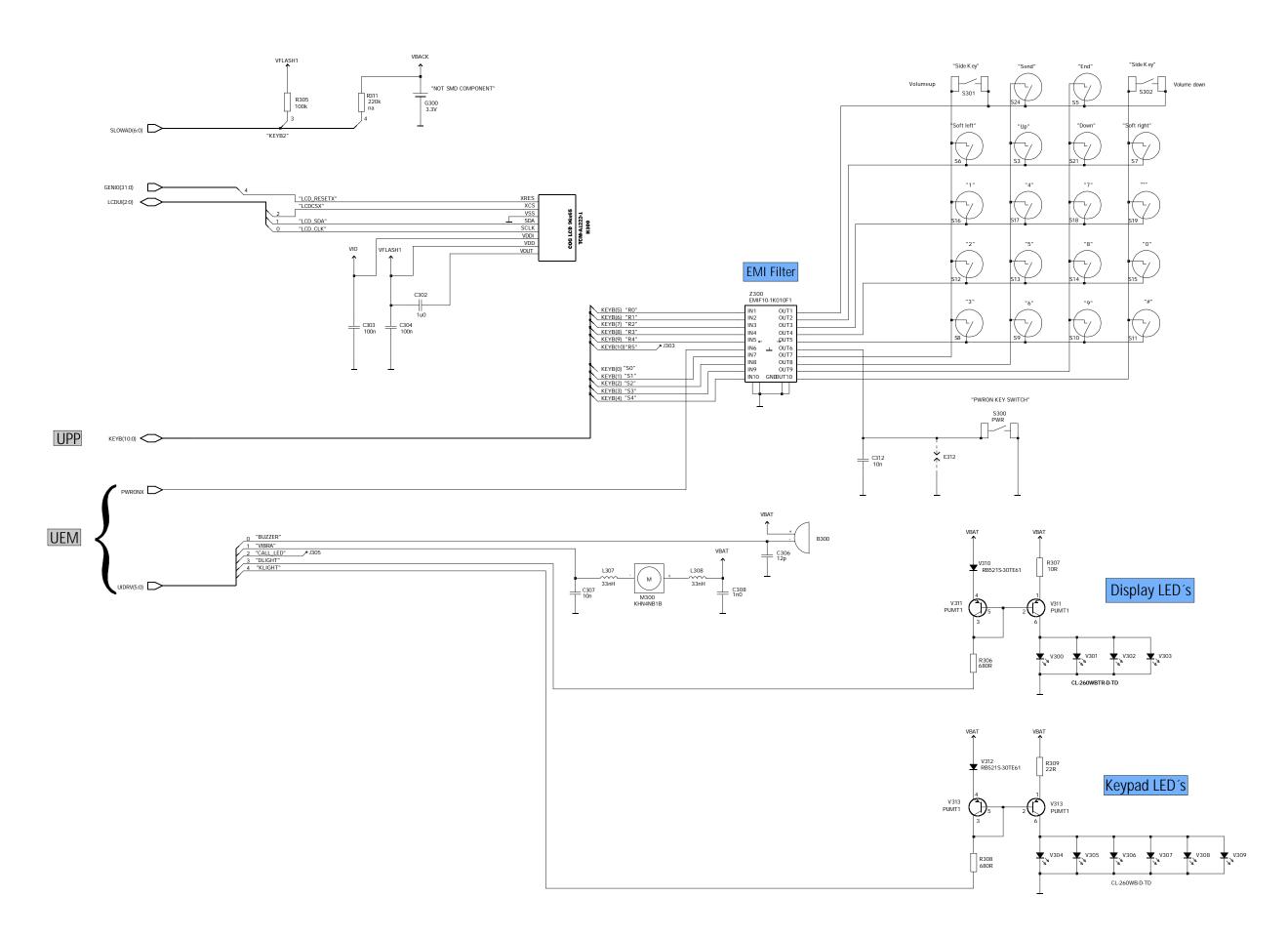




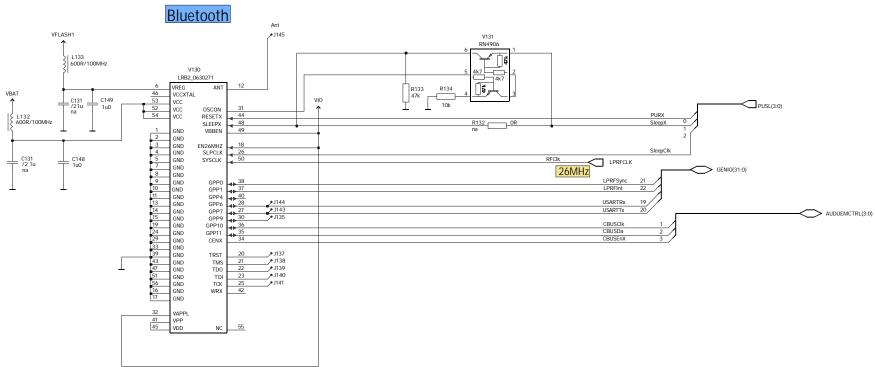
NOKIA	CONFIDENTIAL		3(11)	
Customer Care Europe & Africa	Analog Audio	Version 4.0 Approved		
SCCE Training Group	NPL-1 (6310i)	(PCB) Version_ac 5 a_10		
© 2002 NMP Only for training and service purposes	01.10.2002			

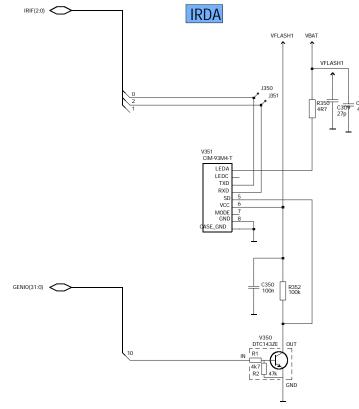


NOKIA	CONFIDENTIAL		4(11)	
Customer Care Europe & Africa	User Interface	Version 4.0 Ap	proved	
SCCE Training Group	NPL-1 (6310i)	(PCB) Version_ac 5 a_10		
© 2002 NMP Only for training and service purposes	01.10.2002			

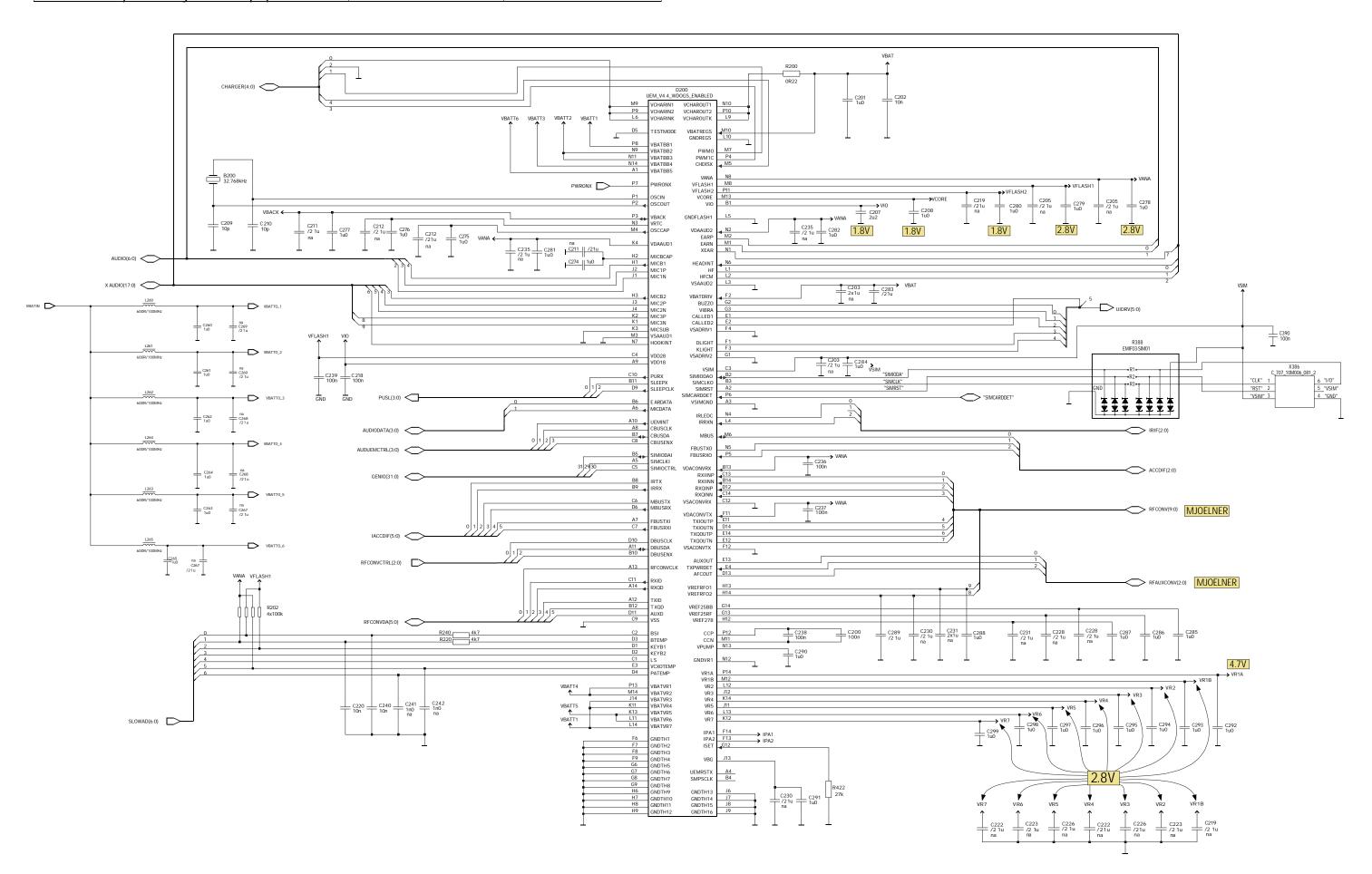


NOKIA	CONFIDENTIAL		5(11)	
Customer Care Europe & Africa	Bluetooth	Version 4.0 Approved		
SCCE Training Group	NPL-1 (6310i)	(PCB) Version_ac 5 a_10		
© 2002 NMP Only for training and service purposes	01.10.2002			

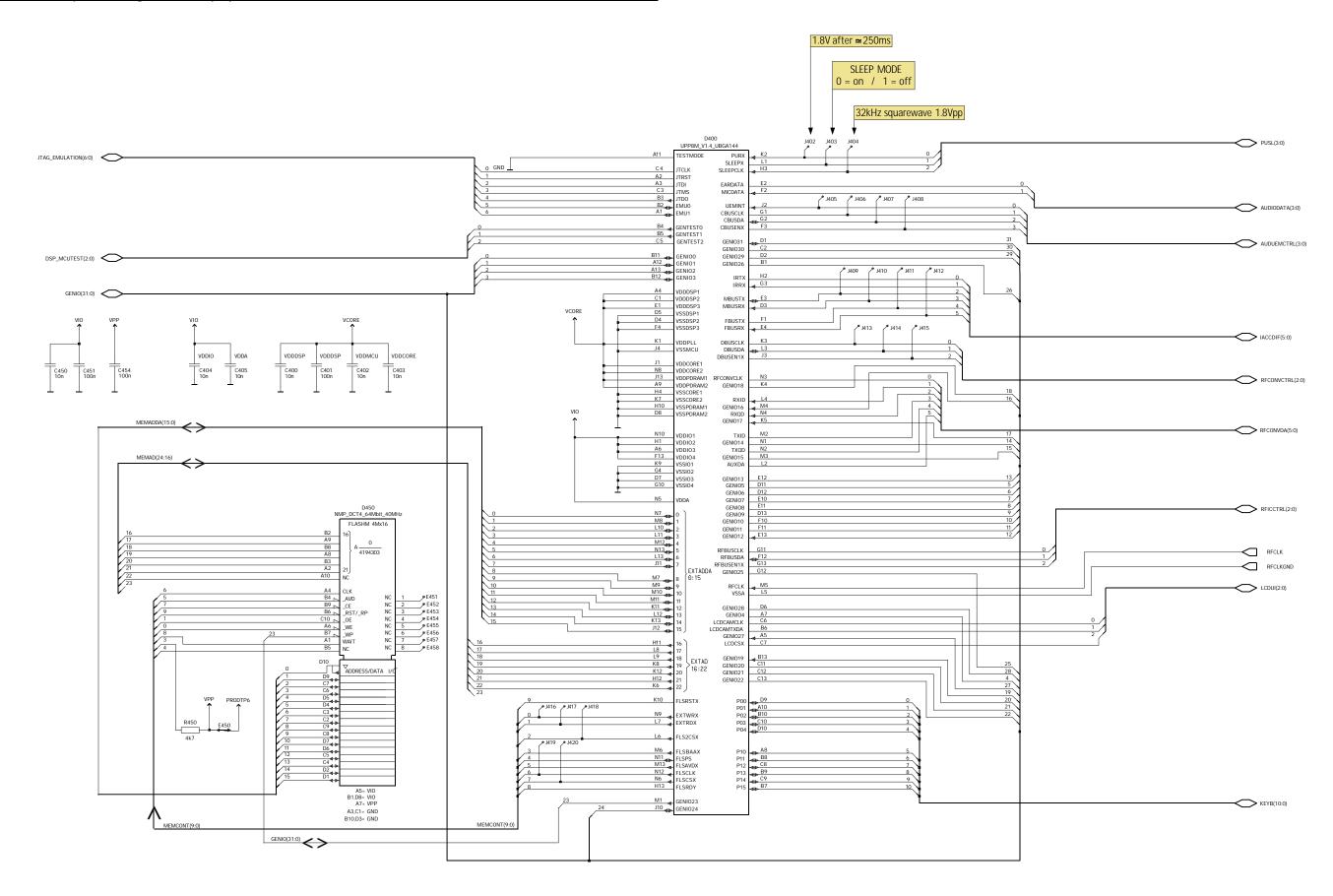




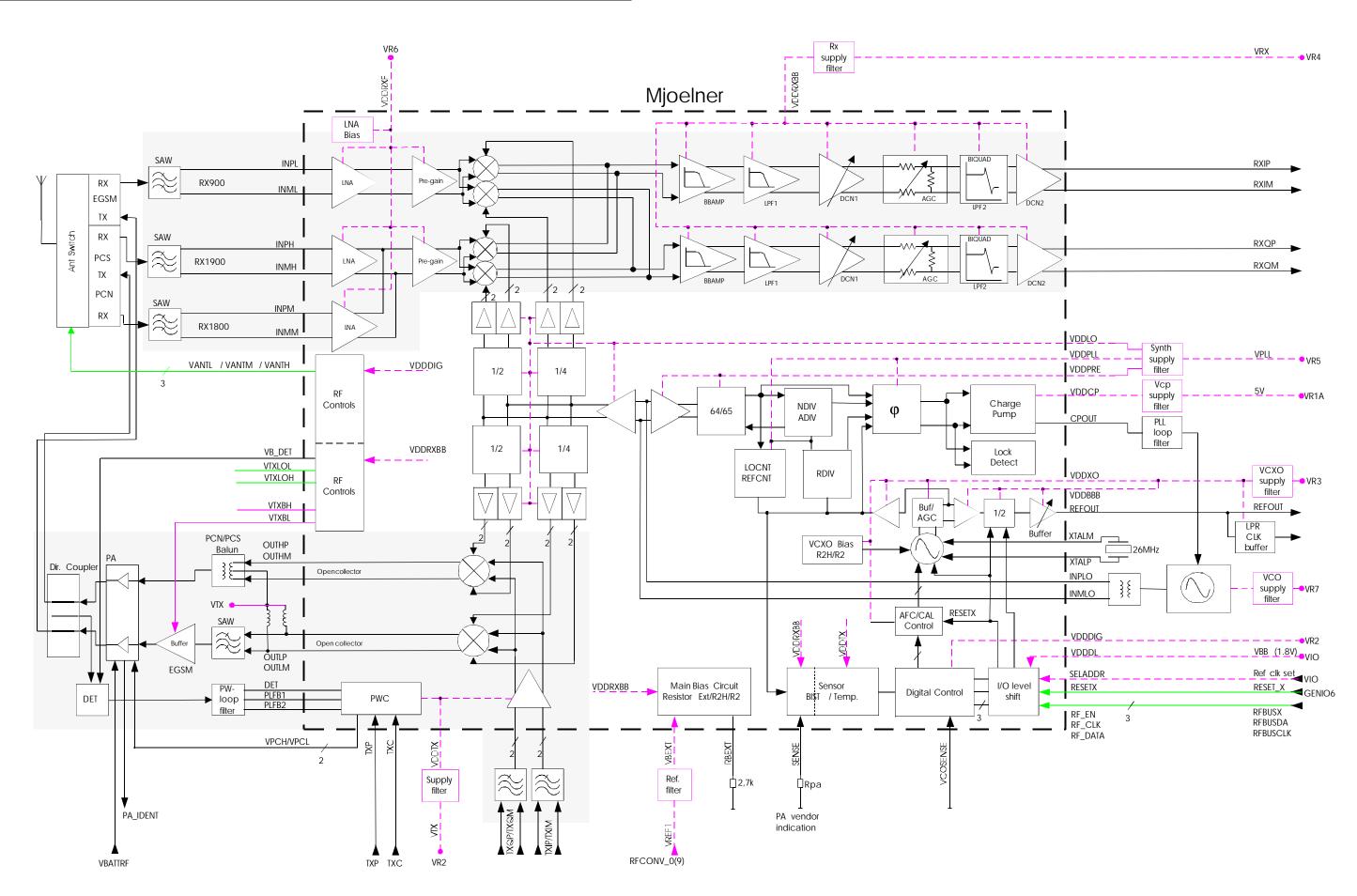
NOKIA	CONFIDENTIAL		6(11)	
Customer Care Europe & Africa	UEM	Version 4.0 Approved		
SCCE Training Group	NPL-1 (6310i)	(PCB) Version_ac 5		
© 2002 NMP Only for training and service purposes	01.10.2002			

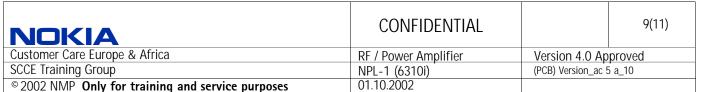


NOKIA	CONFIDENTIAL		7(11)	
Customer Care Europe & Africa	UPP	Version 4.0 Ap	proved	
SCCE Training Group	NPL-1 (6310i)	(PCB) Version_ac 5 a_10		
© 2002 NMP Only for training and service purposes	01.10.2002			

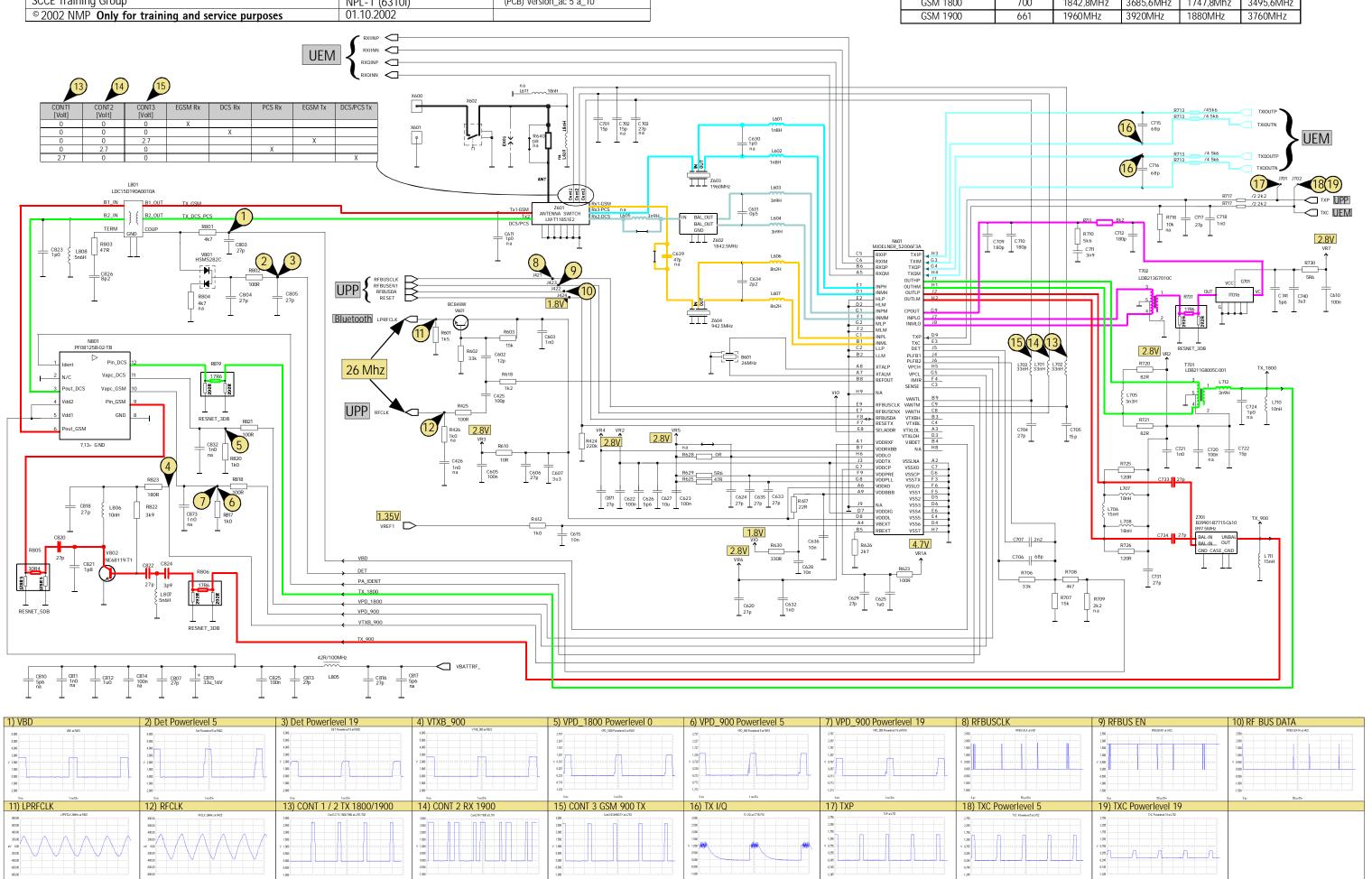


NOKIA	CONFIDENTIAL		8(11)	
Customer Care Europe & Africa	RF Block diagram	Version 4.0 Approved		
SCCE Training Group	NPL-1 (6310i)	(PCB) Version_ac 5 a_10		
© 2002 NMP Only for training and service purposes	01.10.2002			

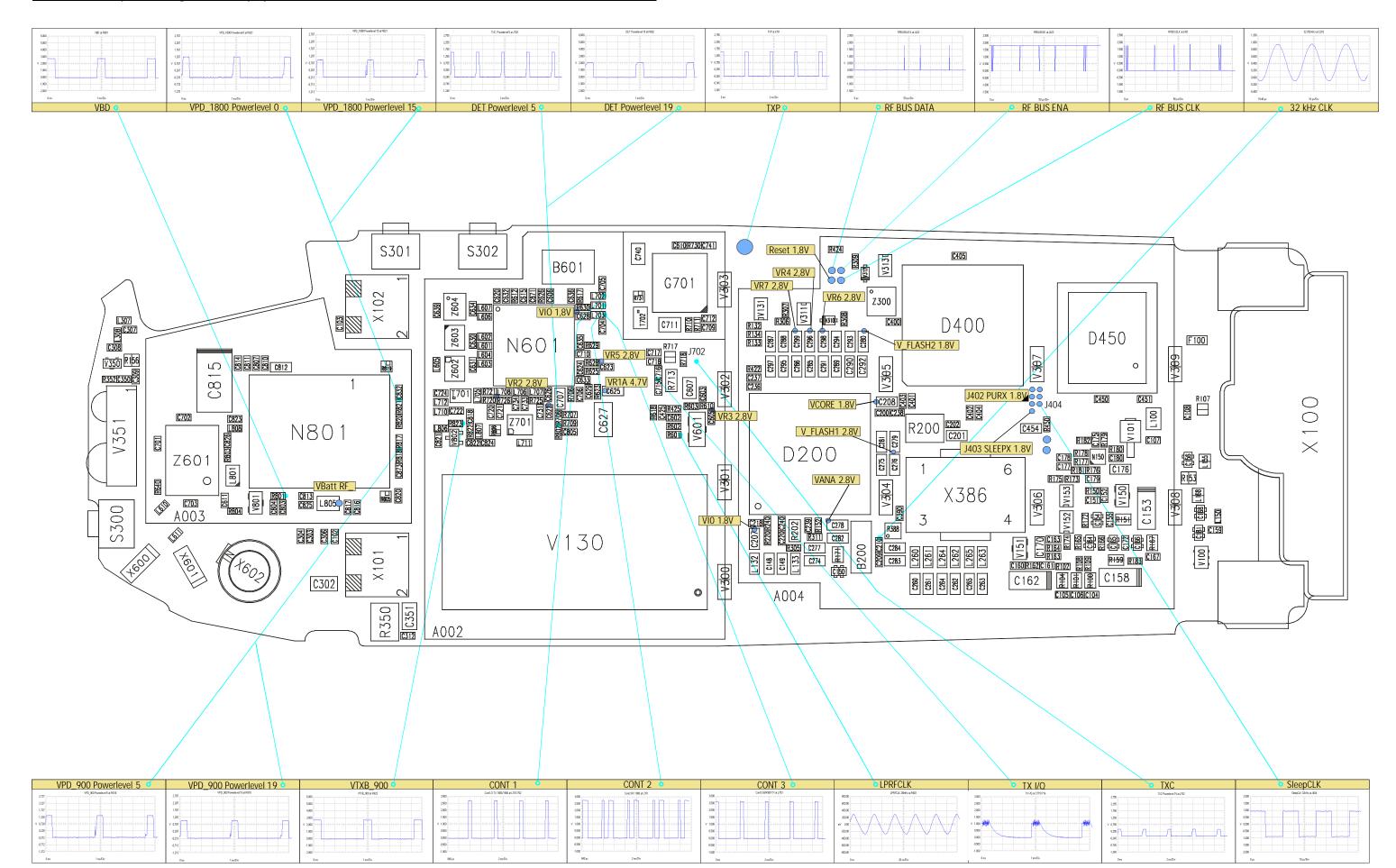




Band Channel		Channel RX VCO		TX	VCO
GSM 900	37	942,4MHz	3769,6MHz	897,4MHz	3580,6MHz
GSM 1800	700	1842,8MHz	3685,6MHz	1747,8Mhz	3495,6MHz
GSM 1900	661	1960MHz	3920MHz	1880MHz	3760MHz



NOKIA	CONFIDENTIAL		10(11)	
Customer Care Europe & Africa	Layout/ measurement points	Version 4.0 Approved		
SCCE Training Group	NPL-1 (6310i)	(PCB) Version_ac 5 a_10		
© 2002 NMP Only for training and service purposes	01.10.2002			



NOKIA	CONFIDENTIAL		11(11)	
Customer Care Europe & Africa	Component finder	Version 4.0 Approved		
SCCE Training Group	NPL-1 (6310i)	(PCB) Version_ac 5 a_10		
© 2002 NMP Only for training and service purposes	01.10.2002			

B200 - P3	C160 - S2	C202 - R5	C276 - Q4	C296 - 07	C405 - R8	C628 - K7	C712 - M7	C812 - E6	F100 - W7	1605 - H6	N150 - U4	P163 _ T2	R220 - N3	R617 - J8	R725 - J6	T701 - H6	V310 - 07	Z604 - H7
B601 - J8	C161 - T2	C207 - N3	C277 - O3	C297 - N6	C425 - L5	C629 - K6	C715 - L6	C813 - E4	G701 - L8	L606 - 1/	N601 - J7	R164 - T3	R240 - N3	R618 - L5	R726 - I6	T702 - L7	V311 - 07	Z701 - I5
C102 - F3	C162 - S2	C208 - Q6	C278 - P3	C298 - 07	C450 - U6	C630 - H7	C716 - L6	C814 - D6	L100 - V5	L607 - 17	N801 - E5	R165 - T3	R305 - 03	R623 - K6	R730 - M9	V100 - W2	V312 - P8	
C103 - F7	C163 - T3	C209 - P2	C279 - Q5	C299 - 07	C451 - V6	C631 - H6	C717 - L7	C815 - C6	L132 - N2	L610 - B3	R100 - U2	R166 - U3	R306 - 07	R625 - K6	R731 - L8	V101 - U5	V313 - Q8	
C104 - U2	C164 - U3	C210 - P3	C280 - P7	C302 - E2	C454 - T5	C632 - I8	C718 - L6	C816 - F3	L133 - 02	L611 - B3	R101 - T2	R167 - V3	R307 - 07	R626 - J8	R801 - D4	V130 - J3	V350 - A6	
C105 - T2	C165 - U3	C218 - N3	C281 - Q5	C303 - E3	C602 - L5	C633 - K6	C720 - I5	C817 - F3	L150 - W3	L701 - K8	R102 - T2	R171 - P3	R308 - P7	R628 - K6	R802 - J5	V131 - N7	V351 - A5	
C106 - T2	C166 - V3	C220 - O3	C282 - P3	C304 - E3	C603 - M6	C634 - H7	C721 - I5	C818 - H5	L155 - W4	L702 - K8	R104 - T2	R172 - U3	R309 - P8	R629 - K7	R803 - C5	V150 - U4	V601 - M5	
C107 - V5	C167 - V2	C236 - N6	C283 - Q2	C306 - E3	C605 - M5	C635 - J7	C722 - H5	C820 - G4	L168 - W4	L703 - K7	R107 - W5	R173 - T4	R311 - 03	R630 - K7	R804 - D3	V151 - S3	V801 - D4	
C108 - W5	C168 - W3	C237 - N6	C284 - Q3	C307 - A7	C606 - J8	C636 - J8	C724 - H6	C821 - H5	L260 - Q2	L705 - H6	R108 - T2	R174 - T3	R350 - G1	R640 - B4	R805 - G4	V152 - T3	V802 - H5	
C148 - N2	C170 - T3	C238 - Q5	C285 - O6	C308 - A7	C607 - M6	C639 - H7	C731 - J5	C822 - H5	L261 - Q2	L706 - 16	R109 - U2	R175 - T4	R352 - A6	R706 - J6	R806 - I5	V153 - T4	X100 - X5	
C149 - O2	C172 - U3	C239 - O3	C286 - O6	C309 - B6	C610 - L9	C701 - B5	C733 - I6	C823 - D5	L262 - R2	L707 - J6	R132 - N7	R176 - U4	R388 - Q3	R707 - J5	R817 - G5	V300 - M2	X101 - F2	
C150 - P2	C175 - U5	C240 - O3	C287 - N7	C312 - G1	C611 - C4	C702 - C5	C734 - I6	C824 - I5	L263 - S2	L708 - 16	R133 - N7	R177 - U4	R422 - N6	R708 - J5	R818 - G4	V301 - M4	X102 - F7	
C151 - U4	C176 - U4	C260 - Q2	C288 - 07	C350 - A6	C615 - I8	C703 - C4	C740 - L9	C825 - E4	L264 - R2	L710 - H5	R134 - N7	R178 - U5	R424 - P9	R709 - J5	R819 - G6	V302 - M6	X386 - R4	
C152 - U4	C177 - T4	C261 - Q2	C289 - P6	C351 - G1	C620 - I8	C704 - K7	C741 - M9	C826 - C5	L265 - R2	L711 - I5	R150 - U4	R179 - U5	R425 - L5	R710 - M7	R820 - G5	V303 - M8	X600 - B2	
C153 - V3	C178 - T4	C262 - R2	C290 - P6	C390 - Q3	C622 - J5	C705 - K8	C803 - E3	C832 - G6	L307 - A7	L712 - H6	R151 - U3	R180 - U5	R450 - T5	R711 - M7	R821 - G5	V304 - Q4	X601 - C2	
C154 - U3	C179 - U4	C263 - S2	C291 - 06	C400 - Q7	C623 - K6	C706 - J6	C804 - D3	C871 - J8	L308 - A7	L801 - D4	R152 - 03	R181 - T4	R601 - L5	R713 - L6	R822 - H5	V305 - Q6	X602 - D2	
C155 - U3	C180 - U4	C264 - R2	C292 - P6	C401 - Q6	C624 - J6	C707 - J6	C805 - J5	C873 - G4	L601 - I7	L805 - E4	R153 - W4	R182 - U5	R602 - L5	R717 - L6	R823 - H5	V306 - T3	Z300 - Q8	
C156 - W4	C181 - W3	C265 - R2	C293 - P7	C402 - R5	C625 - K6	C709 - M7	C807 - D6	D200 - 05	L602 - 17	L806 - H5	R156 - B6	R183 - V2	R603 - M5	R718 - M6	S300 - A3	V307 - T6	Z601 - C4	
C158 - U2	C200 - Q5	C274 - O2	C294 - P7	C403 - Q6	C626 - J6	C710 - K7	C810 - D6	D400 - R7	L603 - I6	L807 - H5	R159 - U2	R200 - Q5	R610 - M6	R720 - I6	S301 - G9	V308 - V3	Z602 - H6	
C159 - W3	C201 - R5	C275 - Q4	C295 - O6	C404 - R5	C627 - K5	C711 - L7	C811 - D6	D450 - U7	L604 - 17	L808 - D5	R162 - T2	R202 - 03	R612 - I8	R721 - I6	S302 - 19	V309 - V6	Z603 - H7	

